

## ECAT Pre General Science Mathematics Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Question Image	A. 0 B. 1
5	Question Image	
6	Question Image	D. none of these
7	Question Image	
8	Question Image	D. none of these
9	Question Image	D. none of these
10	Question Image	D. none of these
11	Question Image	
12	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
13	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
14	Question Image	A. 25 B. 16 C. 5 D. 0
15	Question Image	
16	Question Image	
17	Question Image	D. none of these
18	Question Image	
19	Question Image	
20	Question Image	
21	Question Image	A. $a^2 + b^2$ B. $a^2 - b^2$ C. $a^2 + b^2$ D. $a^2 - b^2$
22	Question Image	
23	Question Image	
24	Question Image	
25	Question Image	
26	Question Image	
27	Question Image	
28	Question Image	

29 If 2 and 2 are x and y components of vector then its angle with x-axis is

$0^\circ$ , font-family: arial, sans-serif; font-size: small;"> $^\circ$ </span>  
B.  $45^\circ$ <span style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: small;"> $^\circ$ </span>  
C.  $60^\circ$ <span style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: small;"> $^\circ$ </span>  
D.  $90^\circ$ <span style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: small;"> $^\circ$ </span>

30 Question Image